

## Koch, Kristine

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**From:** Koch, Kristine  
**Sent:** Tuesday, March 04, 2014 1:13 PM  
**To:** Jennifer Woronets; Shephard, Burt; Humphrey, Chip; Allen, Elizabeth  
**Cc:** johnt@windwardenv.com; Jim McKenna (jim.mckenna@verdantllc.com); Carl Stivers; Amanda Shellenberger; Bob Wyatt; Patty Dost; LauraKennedy@KennedyJenks.com  
**Subject:** RE: PRG questions (HQs < 1)

First a point of clarification....those are not PRGs, but RBTs (Risk-based thresholds). Most of these were developed by the LWG in 2008. We'll check these against the final BERA and consider how to proceed.

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**From:** Jennifer Woronets [mailto:jworonets@anchorqea.com]  
**Sent:** Tuesday, March 04, 2014 12:45 PM  
**To:** Shephard, Burt; Koch, Kristine; Humphrey, Chip; Allen, Elizabeth  
**Cc:** johnt@windwardenv.com; Jim McKenna (jim.mckenna@verdantllc.com); Jennifer Woronets; Carl Stivers; Amanda Shellenberger; Bob Wyatt; Patty Dost; LauraKennedy@KennedyJenks.com  
**Subject:** FW: PRG questions (HQs < 1)

Burt,

The following email is provided on behalf of Jim McKenna.

Burt, Windward already conducted the cross-walk of HQs verses the PRGs and did not see these particular chemical/receptor pairs as issues. Our questions are raised to see if you agree.

Thanks, Jim.

Thank you,  
Jen Woronets ©  
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**From:** John Toll [mailto:JohnT@windwardenv.com]  
**Sent:** Tuesday, March 04, 2014 12:40 PM  
**To:** 'Shephard, Burt'

**Cc:** Jennifer Woronets; James McKenna

**Subject:** PRG questions (HQs < 1)

Hi Burt. Here are the questions about PRG (I took out the lead questions) that we discussed on the PRG call today. We may likely have additional questions beyond this list.

1. Why is there a DDx PRG based on the osprey egg LOE? The BERA found that the HQs are < 1.0 in all exposure areas (see Table 8-46 in the Final BERA). If it's not an error, then how was it calculated and when will we get the details of the calculation?
2. Why are there osprey and bald eagle dietary dose PRGs for PeCDF (as a surrogate for PCDD/F TEQ) and total DDx? The BERA found that the HQs are all less than 1 (see Final BERA Tables 8-21 and 8-24).
3. Why is there a dietary dose PRG for Total DDX for hooded merganser? It had no HQs > 1 (see Table 8-18 of the Final BERA)
4. Why is there a dietary dose PRG for Total DDX for belted kingfisher? It had an HQ = 1.1 based on 1/38 sculpin samples (see Table 8-39 of the Final BERA), all other data resulted in HQs< 1.

John